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GPAU 1631EXPRESS MAIL NO.: EL 501 634 754 US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Peterson et al.

Serial No.: CPA of 08/986,186

Filed: December 5, 1997

For: METHODS FOR GENERATING  
AND SCREENING NOVEL  
METABOLIC PATHWAYS

Group Art Unit: 1631

Examiner: J. Brusca

Attorney Docket No.: 8757-009-999

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SEP 25 2000

Assistant Commissioner for Patents  
Box AF  
Washington, D.C. 20231

TECHOCENTER 1600/2800

Sir:

In response to the outstanding Final Office Action dated March 17, 2000, please enter the following remarks below. Applicants submit concurrently herewith: (1) a Petition For Extension Of Time Under 37 C.F.R. § 1.136(a) for three months up to and including September 17, 2000 (which is a Sunday); (2) a Communication Regarding Sequence Listing; (3) a paper copy of the Sequence Listing; (4) abstracts resulting from PubMed searches (Exhibit A); (5) documents filed to correct inventorship during the prosecution of US Patent Application 08/639,225, now US Patent No. 5,824,485 (Exhibit B); and (6) a Notice of Appeal.

REMARKS

A paper copy of the Sequence Listing is submitted herewith in response to the Examiner's request. Pursuant to 37 C.F.R. § 1.821(f), a statement regarding the identity of sequences disclosed in the paper copy and the content of the computer readable Sequence